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# **PRODUCT BROCHURE**

# KERN CIB 6K-4



Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points

## **CONTACT**

KERN & SOHN GmbH Ziegelei 1

72336 Balingen Germany Phone: +49 7433 9933-0 Fax: +49 7433 9933-149

Email: info@kern-sohn.com
Web: www.kern-sohn.com



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#### PRODUCT SHOWCASE











#### **DESCRIPTION**

- Precise, intuitive to use and digital with our counting scales you can accelerate your annual stock taking processes and thus save time and money
- Innovative counting with tolerance range (Checkweighing): The counting process can be supported visually and/or audibly and this therefore makes portion division, dispensing and grading easier
  - visual signal: the colour of the display changes depending on the counting result (not enough/ok/too much)
  - audible signal: the frequency of the audible signal changes depending on the counting result (not enough/ok/too much)
- Ideal for workshops for people with disabilities, particularly loud or quiet environments, where operators change frequently, etc.
- Three displays for weight display, reference weight, total pieces
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight





- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- 20 direct price keys for frequently recurring reference weights and PRE-Tare values
- Memory for 50 reference weights and PRE-Tare values
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Two balances in one: Changes from counting mode to weighing mode at the touch of a key
- Energy management: Backlight turns off after 5 sec, can be switched off
- Protective working cover included with delivery

#### **SPECIFICATIONS**

# **Article codes, product groups & Status information**

Model article-code	CIB 6K-4
Model-Serie	CIB
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	4045761214897
Customs tariff number	84238129
CE Label	yes

## **Technical data - Primary**

Weighing capacity	6 kg
Readability	0.0005 kg
Counting resolution	30000
Minimum piece weight	2 g
Net weight	3.55 kg
Platform size	315×215 mm

#### **Technical data - Construction**

Casing material	plastic
Dimension housing (W×D×H)	350×330×120 mm
Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	315×215 mm
Dimensions of weighing plate (W×D)	315×215 mm
IP protection load cell	IP65

#### **Technical data - Display**

Display height	18 mm
Backlight	blue, yellow, green, red

#### **Technical data - Power supply**

Mains adapter/adapter included	CH;EURO;UK
Charging time	14 h



Input Voltage	100V-240V AC 50/60Hz 0.4 Amax
Operating time (Backlight off)	160 h

## **Technical data - Measuring system**

Calibration method	Adjusting with external weight
Linearity	± 0.0015 kg
Readability	0.0005 kg
Recommended adjusting weight	5 kg (M1)
Repeatability	0.0005 kg
Resolution	12.000
Stabilisation time under laboratory conditions	2 s
Tare range	6 kg
Warm up time	30 min
Weighing system	Strain gauge
Weighing units	kg

# **Technical data - Environmental conditions**

Maximum humidity	85 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	15 %

# **Technical data - Packing & Shipping**

Dimensions packaging (W×D×H)	385×395×147 mm
Gross weight	4.4 kg

Net weight	3.6 kg
Shipping method	Parcel service
UN number	2800
Packaging component - by weight - cardboard	375 g
Packaging component - by weight - plastics	375 g
Delivery time	1 d

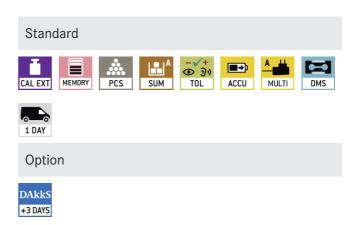
## **Technical data - Counting data**

Counting resolution	30000
Mininum piece weight at piece counting (Laboratory)	200 mg
Minimum piece weight	2 g

# **Optional Services**

DAkkS Calibration 963-128

#### **FUNCTIONS**





## **ACCESSORIES**

Model	Description
GAB-A04	Internal Rechargeable Battery Pack KERN GAB-A04
346-06	Test Weight KERN 346-06
RIB-A01	Protective Working Cover KERN RIB-A01
YKA-20	Power Adapter KERN YKA-20

#### **SERVICES**

Model	Description					
963-128	DAkkS Calibration KERN 963-128					
961-248	Adjustment at the location of installation 961-248					
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517					
970-014	Warranty extension KERN (+3 years) 970-014					

#### **SPARE PARTS**

Model	Description
RRIB-3001	LCD Display RRIB-3001
RRIB-5001	Power socket RRIB-5001
RRIB-6001	Weighing plate KERN RRIB-6001
RRIB-6002	Weighingplate carrier KERN RRIB-6002
RRIB-8001	Adjustable base foot RRIB-8001
RRIB-8003	Level bubble RRIB-8003
RRIB-9001	Dust protection ring, set KERN RRIB-9001
YKA-20	Power Adapter KERN YKA-20

# **RELATED ARTICLES DATA**

Model name	Weighing ca- pacity	Readability	Counting res- olution	Minimum piece weight	Net weight	Platform size
CIB 10K-3	15 kg	0.001 kg	30000	5 g	3.99 kg	315×215 mm
CIB 30K-3	30 kg	0.002 kg	30000	10 g	3.55 kg	315×215 mm
CIB 3K-4	3 kg	0.0002 kg	30000	1 g	3.517 kg	315×215 mm
CIB 6K-4	6 kg	0.0005 kg	30000	2 g	3.55 kg	315×215 mm